Observations made during the partial Eclipse of the Sun on June 28, 1908, at the Royal Observatory, Greenwich.

(*Communicated by the Astronomer Royal.*)

Phenomenon.	Telescope.	Power.	Mean Solar Time of Observation.	Observer.
			h m s	
(*a*) First contact	Dollond (55 Ulundi Road, Westcombe Park)	...	5 13 36	A. C.
,, ,,	Merz Refractor	250	5 13 43·29	C. D
,, ,,	Great Equatorial (Corbett)	120	5 13 59·7	W. B.
(*b*) ,, ,,	Old Altazimuth	100	5 13 55·89	H. F.
,, ,,	Astrographic Equatorial	225	5 13 51·36	P. M.
,, ,,	Sheepshanks Equatorial	100	5 13 45·29	J. E.
(*a*) Last contact	Dollond	...	6 1 42	A. C.
,, ,,	Great Equatorial	670	6 1 41·08	B.
,, ,,	Merz Refractor	250	6 1 49·33	C. D.
,, ,,	Great Equatorial (Corbett)	120	6 1 49·46	W. B.
,, ,,	Old Altazimuth	100	6 1 52·27	H. F.
,, ,,	Astrographic Equatorial	225	6 1 34·53	P. M.
,, ,,	Sheepshanks Equatorial	100	6 1 52·37	J. E.

(*a*) Observations reduced to Royal Observatory, Greenwich, the corrections being $-1^s{\cdot}38$ and $+2^s{\cdot}03$ respectively; the result is given to the nearest second.

(*b*) Observation doubtful. Probably 5 seconds or more late.

The apertures of the telescopes used are as follows:—

Great Equatorial	28 inches
Merz Refractor	$12\frac{3}{4}$,,
Astrographic Equatorial (guiding telescope)	10 ,,
Sheepshanks Equatorial	$6\frac{3}{4}$,,
Great Equatorial (Corbett telescope)	$6\frac{1}{2}$,,
Old Altazimuth	4 ,,
Dollond	3 ,,

The initials A. C., B., C. D., W. B., H. F., P. M., J. E., are those of Mr. Crommelin, Mr. Bryant, Mr. Davidson, Mr. Bowyer, Mr. Furner, Mr. Melotte, and Mr. J. Evans, respectively.

Observations of Planet 1908 *DT, from Photographs taken with the 30-inch Reflector at the Royal Observatory, Greenwich.*

(*Communicated by the Astronomer Royal.*)

This planet, which is of 14–15 magnitude, was discovered on photographs of the region about Saturn taken for observation of Phœbe. It has been measured on 16 photographs taken on 9 nights, and reduced in the same manner as Phœbe.

Date and G.M.T.					Apparent R.A.			Apparent Dec.			Log Parallax Factor. R.A.	Log Parallax Factor. Dec.
1908.	d	h	m	s	h	m	s	°	′	″		
Aug.	24	12	20	29	0	40	18·04	+0	43	53·6	−9·283	+0·829
	25	12	18	51	0	39	56·98	0	43	43·8	−9·275	+0·829
	25	14	1	10	0	39	55·50	0	43	43·1	−8·529	+0·828
	27	14	8	27	0	39	6·00	0	42	56·8	−7·950	+0·828
	28	12	10	16 (*a*)	0	38	40·90	0	42	17·3	−9·263	+0·829
	28	14	3	14	0	38	33·84	0	42	19·6	−8·028	+0·829
	29	12	27	47	0	38	10·31	0	41	32·2	−9·183	+0·829
	29	13	56	31	0	38	8·43	0	41	27·7	−9·171	+0·829
	30	12	3	27	0	37	39·06	0	40	30·9	−9·258	+0·830
	30	13	55	31	0	37	36·46	0	40	27·7	−7·988	+0·829
Sept.	1	12	7	33	0	36	29·08	0	38	12·2	−9·214	+0·830
	2	12	6	2	0	35	51·61	0	36	42·1	−9·203	+0·830
	2	13	29	57	0	35	48·55	0	36	36·4	−8·489	+0·829
	2	14	35	31	0	35	47·09	0	36	31·8	+8·868	+0·829
	4	11	47	49	0	34	29·96	0	33	31·0	−9·240	+0·831
	4	13	11	38	0	34	27·01	0	33	25·1	−8·668	+0·830

(*a*) Very faint and diffused.

Royal Observatory, Greenwich:
1909 *January* 8.